

ABSTRACT OF THE DISCLOSURE

A terminal for uploading a program to a network node is provided. A request message generation unit generates a node information request message and the message is sent to a plurality of nodes on a communication path. Node information response messages are received from the plurality of the nodes and stored in a node information storage. An active node decision unit decides active nodes according to the node information response messages from the nodes and stores a list of the active nodes in an active node list storage. A program upload unit refers to the active node list and performs a process for uploading a predefined program stored in a program storage to each active node.